



W/057/0002  
TASK 6102

Incoming  
Mike Bradley <mbradley@utah.gov>

## Draft Revisions to Reclamation Estimate

4 messages

Joe Havasi <havasij@compassminerals.com>

Fri, Aug 8, 2014 at 5:09 PM

To: "Mike Bradley (mbradley@utah.gov)" <mbradley@utah.gov>

Hi Mike,

Please find attached a spreadsheet with a DRAFT estimate of reclamation obligation, inclusive of projects since 2011 as well as the revised east side reclamation plan.

We should discuss before we finalize to make sure we are aligned and my approach was correct.

Best Regards

Joe



Joseph Havasi

Director, Natural Resources

D: 913.344.9252 M: 913.940.3491

E: havasij@compassminerals.com

W: compassminerals.com



DRAFT\_GSLM\_Reclamation Estimate for 2014.xlsx

20K



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**Mike Bradley** <mbradley@utah.gov>

Fri, Aug 8, 2014 at 5:30 PM

To: "Joseph (Joe) Havasi" <havasij@compassminerals.com>, Paul Baker <paulbaker@utah.gov>

Thanks, Joe. Will look it over on Monday.

[Quoted text hidden]

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**Joe Havasi** <havasij@compassminerals.com>

Fri, Aug 8, 2014 at 5:35 PM

To: Mike Bradley <mbradley@utah.gov>, Paul Baker <paulbaker@utah.gov>

Mapping is in final processing. You should have in your hands by Monday as well (still hoping to complete today yet.....).



Joseph Havasi

Director, Natural Resources

**D:** 913.344.9252 **M:** 913.940.3491

**E:** havasij@compassminerals.com

**W:** compassminerals.com

**From:** Mike Bradley [mailto:mbradley@utah.gov]

**Sent:** Friday, August 08, 2014 6:31 PM

**To:** Joe Havasi; Paul Baker

**Subject:** Re: Draft Revisions to Reclamation Estimate

[Quoted text hidden]

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**Mike Bradley** <mbradley@utah.gov>

Fri, Aug 8, 2014 at 5:38 PM

To: "Joseph (Joe) Havasi" <havasij@compassminerals.com>

Sounds good.

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RECEIVED E-Mail

AUG 08 2014

Div. of Oil, Gas & Mining

	2004 Reclamation			
	Quantity	Units	\$/unit	Total Cost
Plant Site Cleanup	1	LS	\$28,650	\$28,650
Breach Dikes	10	ea	\$1,718	\$17,180
Pump Station - remove concrete and wooden structures and pumps	1	LS	\$85,935	\$85,935
Pump Station - 113 East (CKA, PS-114)	1	LS	\$28,100	\$28,100
Regrade Borrow Areas	191.8	Ac	\$257	\$49,293
Reseed Bprow Areas	191.8	Ac	\$501	\$96,092
Breach Strongs Knob Road	2	ea	\$1,750	\$3,500
Breach Finger Point Dike	8	ea	\$1,750	\$14,000
Remove Finger Point Pump Station	1	LS	\$28,070	\$28,070
equipment Mobilization	5	equpt	\$2,000	\$10,000
Reclamation Supervision	12	days	\$400	\$4,800
Subtotal				\$365,619
10% Contingency				\$36,562
Subtotal				\$402,181
Escalation for 5 years (thru 2009) at 2.82%/year				\$59,997
Total				\$462,200



	2014			
	Quantity	Units	\$/unit*	Total Cost
Plant Site Cleanup	1	LS	\$37,835	\$37,835
Breach Dikes	10	ea	\$2,269	\$22,690
Pump Station - remove concrete and wooden structures and pumps	1	LS	\$113,487	\$113,487
Pump Station - 113 East (PS-114)	1	LS	\$37,109	\$37,109
Regrade Borrow Areas	214.8	Ac	\$339	\$72,817
Reseed Bprow Areas	214.8	Ac	\$661	\$141,983
Breach Strongs Knob Road	2	ea	\$2,311	\$4,622
Breach Finger Point Dike	8	ea	\$2,311	\$18,488
Remove Finger Point Pump Station	1	LS	\$37,070	\$37,070
Equipment Mobilization	5	equpt	\$2,641	\$13,205
Reclamation Supervision	12	days	\$528	\$6,336
Addition of Substation in 2011	1	LS	\$70,981	\$70,981
PS-113 Mods and Relocation (Escalation is net of funds already under surety)	1	LS	\$51,900	\$51,900
Bear River Bay Pond Reclamation / Shorebird Habitat Development Plan	1	LS	\$1,572,000	\$1,572,000
Subtotal				\$2,200,523
10% Contingency				\$220,052
Subtotal				\$2,420,575
Escalation for 5 years (thru 2019) at 2.82%/year				\$361,101
Total				\$2,781,676



Borrow Pit Acreage Disturbed			
	2004 Report	2011 Report	2014
Strong's Knob	23.8	26.6	33
Little Mountain South	72	83.5	85.8
Little Mountain North	10	10	10
Pokes Point	80	80	80
Borrow Pit # 2	3	3	3
Borrow Pit # 3	3	3	3
Total Disturbed	191.8	206.1	214.8